#### DOCUMENT RESUME

ED 313 418 TM 014 184

TITLE LIBGIS--Public Library Universe (1981).

INSTITUTION National Center for Education Statistics (ED),

Washington, DC.

REPORT NO EF-000087

FUB DATE 81

NOTE 39p.; For the corresponding data file, see TM 014

185.

PUB TYPE Guides - Non-Classroom Use (055) -- Statistical Data

(110)

EDRS PRICE MF01/PC02 Plus Postage.

DESCRIPTORS \*Databases; \*Directories; \*Library Surveys; Mail

Surveys; \*National Surveys; Online Systems; \*Public

Libraries; Statistical Data

IDENTIFIERS \*Public Library Universe

#### ABSTRACT

Database documentation is provided for users of a data file consisting of a directory of all main public libraries in the United States. The directory development survey began with the mailing of a computer printout containing listings of each state's public libraries to the chief officer of the appropriate state library agency for updating. A computer tape was developed from the responses. Various other updating measures were taken, and the updated 1981 file was compared to the 1977 Public Library Universe to allow further adjustments. Significant variables include name, address, population served, and the name of the chief state library officer. Each record in the data file describes one library or the chief state library officer. The database documentation includes a survey summary, file description, record layout charts, data element descriptions, an outline of the survey methodology, a list of state codes, code identifications, and several frequency tables. (TJH)

Reproductions supplied by EDRS are the best that can be made

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

from the original document.

U.S. DEPARTMENT OF EDUCATION
Office of Educational Research and Improvement
EDUCATIONAL RESOURCES INFORMATION
CENTER (ERIC)

- CENTER (EHIC)

  This document has been reproduced as received from the person or organization originating it.
- Minor changes have been made to improve reproduction quality
- Points of view or opinionsatated in this document do not necessarily represent official OERI position or policy

"PERMISSION TO REPRODUCE THIS MATERIAL HAS BEEN GRANTED BY

S. MAUCHAMER

TO THE EDUCATIONAL RESOURCES INFORMATION CENTER (ERIC)."

LIBGIS - PUBLIC LIBRARY UNIVERSE - 1981



5
0
_
7
_
0
1
7
1

DATA	BASE	DOCH	MENIT	ATION
UALA	4 DASE	UUU	MENI	AHUN

(Authority: Fublic Law 93-502, Section 552)

(Reserve)

#### PART I - SURVEY SUMMARY

A TITLE

LIBGIS - Public Library Universe - 1981

#### B DESCRIPTION

The primary purpose of this project is to compile a Directory of all Main public libraries in the United States. Significant variables include, name, address, population served, and the name of the Chief State Library Officer. (Branches of the main Public libraries are not included in this survey).

1 UNIVERSE OR SAMPLE	2 RESPONDENTS	
Universe of the 50 States and the District of Columbia	State Library Agencie	: S
DATE OF COVERAGE	4 FREDUENCY OF	S AUSPONSE RATE
1981	SURVEY Approximately every fourth year	100%

Each record describes one library or the Chief State Library Officer

## D RELATED STUDIES

1 SURVEYS

1977 1974

2 PUBLICATIONS

Statistics of Public Libraries - 1977 Statistics of Public Libraries - 1°74

IF SPONSORING AGENCY IS NOT NCES (Specifi)

# **DATA BASE DOCUMENTATION**

(Reserve)

# PART II -FILE DESCRIPTION

A TITLE

LIBIGIS - Public Library Universe - 1981

B FILE NAME

NCES.XEENTC.LIB.UNIVERSE.A1981.RAW31

C TAPE SERIAL NUMBER

E00009

D TAPE STATUS

FINAL

E STANDARD TAPE SPECIFICATIONS

1 NUMBER OF TRACKS 2. DENSITY

6250 BPI

3 PAR TY 4. LABEL(S)

ODD STANDARD

5 CODE CONVENTION

EBCDIC

F. FILE DIMENSIONS

1 RECORD LENGTH 2. RECORD FORMAT

> 172 FIXED BLOCK

3. BLOCKING FACTOR 4 MAXIMUM BLOCK SIZE

54 9,288

5 RECORD COUNT

8,611

G. SEQUENCE

- State code
   Library Identification

FORM 2411, 6/80

(Resenc) **DATA BASE DOCUMENTATION** PART II -FILE DESCRIPTION A TIT E LIBGIS - Public Library Universe - 1981 8 FILE NAME NCES.XEENTC.LIB.UNIVERSE.S1981.LIB81.SAS C TAFE SERIAL NUMBER E22603 D TATE STATUS FINAL E STANDARD TAPE SPECIFICATIONS 1 NUMBER OF TRACKS 2. DENSITY 6250 BPI 3 PAR TY 4. LABEL(S) ODD STANDARD 5 CODE CONVENTION SAS SYSTEM SPECIFICATIONS F FILE DIMENSIONS 1. RECORD LENGTH 2. RECORD FORMAT FIXED BLOCK 184 4 MAXIMUM BLOCK SIZE 3 BLOCKING FACTOR 178 32,756

5 RECORD COUNT

8611

G. SEQUENCE

- 1. State code
- 2. Library Identification

FORM 2411, 6/80

# Department of Education National Center for Education Statistics

Part III - Record Layout

DATA ELEMENT TYPE STANDARDS

AN = Alpherumeric, Left Juetfied, Space Filled. N= Numeric Display, Blank Leathful

TITLE: PUBLIC LIBRARY UNIVERSE 1981
PRENAME: PCES, SEENTC, LIB. UNIVERSE, A (98), RAW 3]

210 (CONTY)



K 1: "

# **DATA BASE DOCUMENTATION**

LEGEND
DA ELEMENT TYPE STANDARDS

AN - A , hanumeric, left justified, space filled

N - Numeric display, right justified, fearing zeros

(Reserve)

PART IV - DATA ELEMENT DESCRIPTION

LIBGIS - Pub	lic Library	Universe -	FILE NAME		
DATA FIELD NAME	DATA ELEMENT TYPE	RECORD POSITION (fram:la)	NUMBER OF POSITIONS	SOURCE LOCATION	DESCRIPTION
	(h)	(c)	(J)	(e)	(f)
STATE CODE	M	001-002	2		OE State Code 10-60. (See attachment "B")
LIBRARY CODE	N	003-006	д		Library code unique within state.
POPULATION CODE	N	207-007	1		Population Served code. (See attachment *C")
SMSA	N	008-011	4		Standard Metropolitan Statistical Area Code.
BRANCH CODE	AN	012-012	1		Branch Indicator. (See attachment "C")
CENTRAL CITY CODE	N	013-013	1		Central city place description code. (See attachment "C")
NAME	AN	014-048	35		Library or CSLO® Name.
ADDRESS	AN	049-083	35		Library of CSLO# Street Address or P.O. Box number
CITY	AN	084-108	25		Library or CSLO® City Name.
STATE	AN	109-123	15		Library of CSLO* State Name.
ZIP	N	124-128	5		Library or CSLO* Zip Code.
LIBRARY SYSTEM	AN	129-162	34		Nonconsolidated Public Library System Affiliation Name or CSLO* Location.

NCES FORM 2411, 6/80

Page \_\_\_\_\_\_\_ of \_\_\_\_\_



# **DATA BASE DOCUMENTATION**

# LEGEND DATA ELEMENT TYPE STANDARDS

AN - Alphanumeric, left justified, space filled

N - Numeric display, right justifier fearing zeros

(Reserve)

PART IV - DATA ELEMENT DESCRIPTION

LIBGIS - PUBLIC LIBRARY UNIVERSE - 1981					FILE NAME		
DATA FIELD NAME	DATA ELEMENT TYPE	RECORD POSITION (from:to)	NUMBER OF POSITIONS	SOURCE LOCATION	DESCRIPTION		
<b>e</b> j	(h)	(c)	(J)	<u>''</u>	(1)		
POPULATION	N	163-169	7		Population Served.		
YBAR	N	170-171	2		Survey Year.		
REPORT STATUS	N	172-172	1		Report Status Flag (usually zero)		
					* Chief State Library Officer (CSLO)		
-							
	<b>!</b>						
			1	1			

NCES FORM 2411, 6/80

Page \_\_\_\_\_ of \_\_\_\_



# LIBGIS - Public-Library Universe - 1981

# Survey Methodology

- 1. A computer printout of each States public libraries was sent to the Chief Officers of the respective State Library Agencies for updating by personnel of the State Library Agencies.
- 2. The changes indicated on the printouts were keyed onto tapes/disks.
- Deletions and additions were transcribed to a form suitable to be keyed from, and were keyed to tapes/disks.
- 4. The keyed data was printed and visually verified.
- 5. Corrections to detected keying errors were keyed, placed on tapes/disks, printed and reviewed for accuracy.
- 6. The additions, changes and deletions were applied to the Universe from the previous survey.
- 7. The SMSA's and the Central City Place Description recode (CYCD) were updated/developed using (a) the tape version of the fourth update of the FIPS Publication 55 (Codes for Named Populated Places, Primary County Divisions and other Locational Entities of the U.S.) and (b) a list from the <u>Statistical Reporter</u> entitled "Titles and Definitions of the Standard Metropolitan Statistical Areas".
- 8. The updated 1981 file was compared to the 1977 Public Library Universe and the differences found in the SMSA's and CYCD were evaluated and adjusted as required.

ATTACHMENT "A"



# LIBGIS - Putlic Library Universe - 1981

#### STATE CODES

# OE STATE CODES

10 =	AL	B	LMA
------	----	---	-----

11 = ALASKA

12 = ARIZONA

13 = ARKANSAS

14 = CALIFORNIA

15 = COLORADO

16 = CONNECTICUT

17 = PELAWARE

18 = DISTRICT OF COLUMBIA

19 = FLORIDA

20 = GEORGIA

21 = HAWAII

22 = IDAHO

23 = ILLINOIS

24 = INDIANA

25 = IOWA

26 = KANSAS

27 = KENTUCKY

28 = LOUISIANA

29 = MAINE

30 - MARYLAND

31 = MASSACHUSETTS

32 = MICHIGAN

33 = MINNESOTA

34 = MISSISSIPPI

35 = MISSOURI

36 = MONTANA

37 = MEBRASKA

38 = NEVADA

39 = NEW HAMPSHIRE

40 = NEW JERSEY

41 = NEW MEXICO

32 = NEW YORK

43 = NORTH CAROLINA

44 = NORTH LAKOTA

45 = OHIO

46 = OKLAHOMA

47 = OREGON

48 = PENNSYLVANIA

49 = RHODE ISLAND

50 = SOUTH CAROLINA

51 - SOUTH DAKOTA

52 = TENNESSEE

53 = TEXAS

JI = VIAd
55 = VERMONT

56 = VIRGINIA

57 = WASHINGTON

58 = WEST VIRGINIA

59 = WISCONSIN

60 = WYOMING

ATTACHMENT "B"

# LIBGIS - PUBLIC LIBRARY UNIVERSE - 1981

## CODE IDENTIFICATION

Population Served Code: 1 = 9.999 1 -10,000 - 24,999 2 = 3 = 25,000 - 49,999 4 = 50,000 - 99,999 5 = 100,000 - 249,999 6 = 250,000 - 499,999 7 = 500,000 - 999,999

8 = 1,000,000 = 999,999

Branch Indicator

0 = Main Library

2 = Chief State Library Officer (CSLO)

Central City Place Description Code:

1 = Within SMSA, Central City

2 = Within SMSA, Other than Central City

3 = Other than SMSA

(blank) = Chief State Library Officer

NOTE A: One way to select only records about the Chief State Library Officers is to use the following SAS coding: IF BRCD=2;

NOTE B: One must exclude records about the Chief State Library Officers when making counts of libraries etc. To do that use the following SAS coding: IF BRCD NE 2;

ATTACHMENT "C"



# NUMBER OF LIBRARTES WITHOUT STREET ADDRESSES AND/OR LIBRARY SYSTEM NAMES, BY STATE

STATE NAME	ADDRESS	LTRHARY SYSTEM NAME	STATE NAME	ADDRESS	LTHRARY SYSTEM NAME
ALABAMA	3	174	ANATHUM	81	U
ALASKA	5	52	NEBRASKA	43	248
ART ZINA	10	5	NEVADA	0	17
ARKANSAS	1	39	NEW HAMPSHIRE	78	47
CALIFURNIA	0	12	NFW JERSEY	C	1
CULDRADO	9	Ō	NEW MEXICO	0	43
CUNNECTICUT	31	76	NEW YORK	27	· 10
DELAMARE	5	27	NORTH CARULINA	a	103
D. C.	0	1	NORTH DAKUTA	63	76
FLORTDA	1	143	NHIU	n	249
GENRGIA	0	50	OKLAHOMA	5	121
HAWAII	0	• 1	<b>OREGON</b>	6	71
TDAHO	31	107	PENNSYLVANIA	5	0
TLL 1 NOTS	A	2	RHODE ISLAND	1	3
INDIANA	1	18	SUITH CARDLINA	1	40
IDHA	343	1	SIJUTH PAKIJTA	36	117
KANSAS	58	12	TENNESSEE	40	3
KENTUCKY	7	0	TEXAS	2	121
LUUISIANA	0	34	UTAH	ŋ	48
MAINE	906	223	VERMONT	97	204
MARYLAND	0	24	VIRGINIA	A	92
MASSACHUSETTS	34	2	WASHINGTON	2	76
MICHIGAN	3	365	WEST VIRGINIA	1	2
MINNESOTA	23	34	WISCONSIN	16	14
MISSISSIPPI	7	43	WYOMING	15	23
MISSOURI	16	114	TOTALS	*1322	**3188

NOTE AT STREET ADDRESSES FOR THESE LIBRARIES ARE NOT REPORTED BECAUSE THEY ARE WELL KNOWN IN THEIR COMMUNITIES.

NOTE \*\*: MANY LIBRARIES ARE NOT PART OF LIBRARY SYSTEMS AND CONSEQUENTLY THEY DO NOT REPORT THIS DATUM.





# CONTENTS PROCE RE

# PHYSICAL CHARACTERISTICS ( @ 05 DATA SET

DSMAME=NCES.XEENTC.L18.UNIVERSE.S1981,LIN81.SAS UNIT#3400-5 VOL#SER#F22603 DISP#SHR DEVICE#3400 TAPE DENSITY#6250 BPI File Sequence#1 Created THESDAY, SEPTEMBER 13, 1983

16

# CONTENTS OF SAS DATA SET IN.LIRAL

TAPE FURMAT DATA SET CREATED BY US JUN XEENTON UN CPUID 00-0168-001009 A? 12:44 THESDAY, SEPTEMBER 13, 1983
BY SAS RELEASE 82.3 DSNAMF=NCES.XEENTC.LIB.UNIVERSE.S1981.LIB81.SAS BLKSIZE=32756 LRECL=184 GENERATED BY DATA

# LIST OF VARIABLES BY PUSITION

	VARIABLE	TYPE	LENGTH	POSITION	FURMAT	INFORMAT	LAREL
1	STOUDE	NUM	5	•			OF STATE CODE 10-60 IDENTIFICATION
2	ID	NUM	•	. 6			PUPULATION SERVED
3	PU₽	NUM	•	12			
4	PUPCNOF.	NUM	2	18			POPULATION SERVED CODE
•	BRCD	NUM	2	20			BRANCH INDICATOR
,	SURVYR	NUM	ž	55			YFAR OF THE SURVEY
•	REPSTAT	NUM	5	24			REPORT STATUS FLAG
•		-	•	56			STANDARD METROPOLITAN STATISTICAL AREA
•	SHSA	NUM	•				LIBRARY CODE UNIQUE MITHIN STATE
•	LIRCUDE	MUM	4	30			
10	71P	NUM	5	34			ZIP CODE
ii	CYCD	CHAR	1	39			CENTRAL CITY PLACE DESCRIPTION CODE
12	NAME	CHAR		40			LIHRARY/CHIEF ST. LIBRARY OFFICER NAME
	#DDR	CHAR		75			STRFET ADDRESS OR P.O. BOX NUMBER
13		_					PLACE NAME
14	CITY	CHAR		110			
15	STATE	CHAR	15	1 35			STATE NAME
16	LIHSYS	CHAR		150			NONCONSULIDATED PUB LIB SYSTEM AFFILIATH

# ALPHABETIC LIST OF VARIABLES

•	VARIABLE	TYPE	LENGTH	POSITION	FORMAT	INFORMAT	LAMEL
13 5 14 11 2 9 16 12 3 4 7 8 15 1	ADDR RRCD C1TY CYCD ID LIMCODE LIMSYS NAME PUP PUPCODF REPSTAT SMSA STATE STCODE SURVYR	CHAR NUM	35 25 1 6 4 34 35 6	75 20 310 39 6 30 150 40 12 18 24 26	fumai		STREET ADDRESS OR P.O. BOX NUMBER BRANCH INDICATOR PLACE CHAME CENTRAL CITY PLACE DESCRIPTION CODE IDENTIFICATION LIBRARY CODE UNIQUE WITHIN STATE NONCONSOLIDATED PUR LIR SYSTEM AFFILIATN LIBRARY/CHIEF ST. LIBRARY UFFICER NAME PIPULATION SERVED POPULATION SERVED CODE REPORT STATUS FLAG STANDARD METROPOLITAN STATISTICAL AREA STATE NAME UE STATE CODE 10-60 YEAR OF THE SURVEY
10	21P	NUM	5	34			ZIP CIIDE

IDATA UNT.LIHATI
SET IN.LIHATI

13.

		**** ***	10-60	
etener		TATE CUDE	PERCENT	CUM PERCENT
STCOOF	FREQUENCY	CHIL LUED	. Cuceut	Con Place
10	182	145	2.126	2.126
11	54	. 36	0.631	2.757
12	110	351	1.379	4.136
i's	41	395	0.479	4.614
14	167	562	1.951	6.565
15	113	675	1.320	7.886
16	188	863	2,196	10.042
17	27	890	0,315	10.397
18	1	691	0.012	10.409
19	143	1034	1.671	17.079
20	50	1084	0.5R4	17.664
21	1	1085	0,012	12.675
55	110	1195	1.285	13.960
23	574	1769	6.706	20.666
24	239	500W	2,792	23.458
25	505	2513	5,900	29.357
56	311	2824	3.633	32.991
27	114	293A	1.332	34.322
Sū	64	3005	0.748	35.070
54	553	3225	2.605	37.575
30	24	3249	0.200	37.956
31	341	3630	4,451	47.407
32	365	3095	4.764	46.671
33	1 30	4125	1.519	48.189 48.703
31	44	4169	0.514 1.507	50.210
35	129	4298	0.946	51.157
36	81	4374	2.897	54.054
37	246	4627 4644	0.199	54.252
3A 39	17 231	4875	5.699	56.951
49	313	5188	3.657	60.607
41	43	5231	0.502	61.110
42	701	5932	M. 189	69.299
43	103	6035	1.263	70.502
44	761	6111	0.888	71.390
45	249	6360	5.909	74.299
46	izı	6481	1.414	75.713
47	107	6588	1.250	76.963
48	440	7028	5.140	M7.103
49	45	7073	0.526	P2.629
50	40	7113	0.467	83.096
51	117	7230	1.367	M4.463
52	91	7321	1.063	A5.526
51	449	7770	5.245	96.771
54	48	7818	0.561	91.332
55	204	5508	2.383	93.715
56	95	A117	1.075	94.790
57	76	RIGO	J.AAA	95.678
54	24	#214 ************************************	. 0.280	95,958
50	323	R537	3.773	99.731
60	53	8568	1.269	100.000

	PIIPIIL	ATTUN SERVI	ED CONE	
PUPCODE	FREQUENCY	CIIM FREU	PERCENT	CUM PERCENT
. 1	5467	5467	63,467	63,867
\$	1440	6907	16.022	80.689
8	774	7681	9.042	89.731
4	483	<b>8164</b>	5.643	95.374
5	257	8421	3.002	94.376
•	76	8497	0.488	99.264
7	47	8544	0.549	99,813
ñ	16	8560	0.167	100.000
	MA	ANCH INUIC	ATUR	
BRCD	FREQUENCY	CUM FRED		CUM PERCENT
•	<b>8560</b>	8560	100.000	100.000
	CENTRAL CITY	PLACE DES	CRIPTION C	ODE
CYCD	FREUITENCY	CUM FREQ	PERCENT	CUM PERCENT
1	433	433	5.058	5.058
1 2	2982	3415	34.636	39,895
1	E1 46	MEAR	40 105	100 000

TABLE OF STOUDE BY POPCODE

FOIIENC 11		CODE 10-60							
PERCENT I POW PCT I	1. 1	2 1	3 1	4	5 l	6 l	7	8 1	tot
10	126   1.47   1.43   2.30	24   0,28   13,19   1,67	12   0.14   6.59   1.55	8   0.09   4.40   1.66	9   0.11   4.95   3.50	2   0.02   1.10   2.63	1   0.01   0.55   2.13	0.00 l 0.00 l 0.00 l	1.
<b>11</b> :		0.02 1 3.70 1 0.14 1	0.00 F 0.00 F 0.00 F	1   0.01   1.85   0.21	1   0.01   1.85   0.39	0.00 I 0.00 I 0.00 I	0   0.00   0.00   0.00	0.00 I 0.00 I 0.00 I	9.0
15		9   0.11   7.63	5   0.06   4.24   0.65	8   0.09   6.78   1.66	1.69 1 0.78 1	0.00 I 0.00 I 0.00 I	1 5 1 50.0 1 64.1 1 65.4	1   7.01   8.85   6.25	1.
13	4     0.05     9.76	15     15     0.16     36.59	4 1 0.05 1 9.76 1 0.52 1	12   10.14   29.27   2.45	0.06 } 12.20 i 1.95 }	0.01   2.44	0.00   0.00   0.00	0   0   0 0 0   0 0 0	0.
14	1 13 1 1 0.15 1 1 7.78	36     36     0.42     21.56	33   . 0.39   19.76   4.26	41   0.48   24.55   8.49	23 4 0.27 1 13.77 0.95	0.11   5.39   11.64	10 l 0.12 l 5.99 l 21.20 l	2   0.02   1.20   12.50	1.
15	79 1 0.92 1 69.91 1 1.45	0.15     11.50     3.70	7   0.88   6.19   0.90	0.07 ( 5.31 ( 1.24 (	5   0.06	1.77     2.63	0.01   0.88   0.88   2.13	0.00 0.00	1 1.
16	1 92 1 1.07 1 48.94 1 1.68	+ 57     57     0.67     30.32     3.76	17   105.0 105.0 105.5	17 0.20 9.04 3.52	0,06     2,66     1,95	0.00 ( 0.00 (	0.00 l	0.00 0.00 0.00	) 2,   2,
17	1 13 1 0,15 1 40,15	1 7 1 1 0.08 1 1 25.93 i	2 ( 0.02 ( 7.41 ( 0.26 (	5   0.06   10.52   1.04	0.00 ( 0.00 (	0.00 0.00	0.00 l 0.00 l 0.00 l	0 0.00 0.00	•
18	0   0.60   0.00	1 0.00 l	0.0n 0.0n	0 0.00 0.00	0.00	0 0 00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 0.01 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0.00 0.00 0.00	   0, 
TOTAL	-	1440	774	4R3 5,64	257 <b>3.</b> 00	76 0.89	47 0,55	fo 0,19	- 77°

TABLE OF STOODE BY POPCOOF

ATCIME	DE STATE	CODE 10-60			LATION SEI		•		
PREDIENCY PERCENT RIN PCT COL PCT	!	2 1	31	4 1	5 1	6 1		g l	TOTAL
<b>1</b> ♥ ,	1 51   1 0.60   1 35.66   1 0.93	26   0.30   10.10   1.81	22   1 62.0 1 75.30   1 70.5	16 1 0,19 1 11,19 1 3,31 1	12 ( 0.14 ( 8.39 ( 4.67 (	0.09   9.59   10.53	0.04   2.10	5   0.06   3.50   31.25	141 1.67
<b>?</b> •	1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1	10 l 1 21.0 1 20.00 l 1 96.0	0.09 1 16.00 1 1.03 1	10 1 0.21 1 36.00 1 3.73 1	12   0.14   24.00   4.67	1 10,0 10,0 1,32	0.01   2.00	0.00   0.00   0.00	96 •.56
21	1 0.00 f 1 0.00 f	0.00 I 0.00 I	0.00 t 0.00 t 0.00 t	0.00   0.	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0.00 0.00 0.00	0.01   100.00   2.13	0.00 l	7 <b>.0</b> 1
25 '	97     1.13     86.18     1.77	0.07   5,45   0.47	6   0.07   5.45   0.78	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	9.01 9.01 9.91 0.39 (	0.00 ( 0.00 ( 0.00 (		0	1.29
23	1 389 1 4 4.54 1 1 67.77 1	112   1.31   1.51	51   0.60   0.67   6.59	18   0.21   3.14   3.73	3   0.04   0.52   1.17	0.03 0.03 0.03 0.03	0.00   0.00   0.00	1   0.01   0.17   6.25	574 6.71
?4	1 146   1 1.73   1 61.92   1 2.71	47     47     0.56     20.07		13   0,15   5,44	3.35	1 (0.01 (0.42 (1.32	0.01     0.42     2.13	0.00 0.00 0.00	23°
25	1 473 ( 1 5,33 ( 1 93,66 (	1 13 1 1 0.15 1 1 2.57 1	0.13   2.18   1.42	0.86 ( 0.99 ( 1.84 (	0.04   0.59   1.17	0.00 0.00	0.00 l	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	5.91
<b>76</b>	PRO     3.27     90.03	20     20     0.25     6,43	6   0.07   1.93   0.78	0.01 0.32 0.32 1	0.04 l	0.32	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 (0 (0 (0 (0 (0 (0 (0 (0 (0 (0 (0 (0 (0	31 3,6
<b>?</b> 7	1 23 1 1 0.27 1 1 20.18 1	52     0,61     45,61	27   0, 32   23, 60	0.11 7.89	1.75 ( 1.75 (	1 0.00 1 0.00 1 0.00	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0.00     0.00     0.00	1 1,3
TOTAL	5767 63,47	1440 1440 54.61	774 9,04	483 5,64	257	76	_	16	750

# TABLE UP STOUDE BY POPCIDE

•			INDLE	t or sico	JE BY PUPE	E			4 4	
STOKE	ME STATE	CNDE 10-60	POPCO	DE POPU	LATIMN SER	VED CODE			1.3	
PRFQUENCY PFRCENT RN:1 PCT CUL PCT	     1	. 2 1	3 1	4 1	5 1	<b>6</b>	7 1	A f	Total	
	1 0.02   1 3.13   1 0.04	0.27   35.94   1.00	9     0,22     29,69     2,45	11   0.13   17.19   2.28	5   0.06   7.81   1.95	3   ,04   ~,69   3,95	1 1 0.01 1 1.56 1 2.13 1	0.00 I 0.00 I	64 0.75	
29	1 202   ; 2,36   1 82,09	18   0.21   0.07   1.25	1 50.0 1 09.0 1 05.0	1 P. 0.01 P. 0.45 P. 0.45 P. 0.45 P. 1	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0.00   0.00   0.00	0.00 I	2,61 2,61	
30	0 0 1	3   0.04   12.50	6   0.07   25.00   0.78	6 1 6 .07 1 25.00 1 1.24 1	4   0.05   16.67   1.56	1 1 0.01 1 4.17 1 1.32 1	4 i 0.05 l 16.67 l 8.51 l	0.00 I 0.00 I	24 0.2A	
31	1 205   1 2.39   1 33.81   1 3.75	1.20 I 27.03 I	52 ( 0.61   13.65	1A   1   0.21   4.72   3.73	2   0.02   0.52   0.78	0.00 I 0.00 I	1   0.81   0.26   2.13	0   0.00   0.00	381 4.45	
32		77     0.90     21.10	32 1 0.37 1 8.77 1	15	4.38	2 I 0.02 I 0.55 I 2.63 I	1   0.01   0.27   2.13	1   0.01   0.27   6.25	365 4,26	
33	82     0.96     63.08	20     0,23     15,36	10 I 0.12 I 7.69 I	6 I 0.07 I 4.62 I	n ( 0.09 ( 0.15 (	3   0,04   2,31   3,95	1   0.01   0.77	0.00 I	130 1,52	
34	1 3 1 1 0.04 1 1 6.62 1	9     0,11     20,45	12   0.14   27.27	15   0,16	4   0.05   9.09	1   0,01   2,27   1,32	0.00 I 0.00 I 0.00 I	0   0   0   0   0   0   0   0   0   0	44 0.51	
35	1 74 1 1 0.86 1 1 57.36	24   0.28   10.60	19     0,22     14,73	8,07   4,65	0.02 t 1.55 t	1 S	2 1 0.02 1 1.55 1 4.26 1	0.00 I 0.00 I 0.00 I	1,51	
36	1 62 ( 1 0.72 ( 1 76.54 (		7   0.07   2.47	3 ( 0.04 ( 3 70 (	1 0.01 b 1.23 i	0.00   0.00   0.00	0,00 H 6.00 H 6.00 H	0.00 I 0.00 I 0.00 I	A1 0.95	
TOTAL	5467 63.87	† 44n	774 9 na	483 5-64	257 3.00	76 0_89	, 47 8,55	6  6	8560	

TARLE OF STOUDE BY POPCODE

			TARL	E OF STCI	DE BY POPO	nd€			
TCODE .	ME STATE	CODE 10-6	. POPCIN	DE PUPU	LATION SEI	RVED CODE	•	•	,
REDIENCY PERCENT RIN PCT	!	<b>4</b> 1			• •	4.1	<b>.</b> 1	8 l	1014
CML PCT	i 'll	} 	5 l	<b> </b> 	5   	6   +	7   4	, n }	-
37	233     2,72     93,95     4,26	0.00 1 2.02 1 0.49 1	6   0.07   2.47   0.78	0 1 0 00 1 0 00 1	1   0.01   0.40   0.30	1   0.01   0.40   1.32	7.00 f 7.00 f 7.00 f	0.00 l	5.
38			2   0.02   11.76   10.26	0   0.00   0.00   0.00		0.01   5.86   1.32	0   0.00   0.00   0.00	0.00 l	•.4
39	POR 1 1 2.43 1 1 40.04 1 1 3.80 1	1 52.0	2 ! 0.02 ! 0.07 ^ 0.26 !	2   0.02   0.07   0.41	0.00	0   0.00   0.00	0.00 f 0.00 f 0.00 f	0.00 ( 0.00 ( 0.00 (	<b>2.</b>
40	1 133   1 1.55   1 42.49   1 2.43	1 03 1 1 20 1 32 91 1	43   0.50   13.74   5.56	19 1 0.22 1 4.07 1 3.93 1	1t i 0.13 l 3.51 l 4.28 l	4 1 0.05 1 1.26 1 5,26 1	0.00 l 0.00 l 0.00 l	0.00 (	3.0
41	1 28 1 1 0.33 1 1 65.12 1 1 0.51 1	1 05.01	9.06 I 11.63 I	2 i 9.02 l 4.65 l 0.41 l	0.00 I	0.01 I 2.33 I 1.32 I	0.00 l 0.00 l 0.00 l	0.00 ( 0.00 (	. •.
42	1 501   1 5.85   1 71.47   1 9.16	108   1.26   15.41   7.50	8.56   7.75	20   0.73   2.85   4.14	6   0.07   0.06	2     \$0.0   \$5.0   \$6.5	0.00 I 0.00 I 0.00 I	25,00	7: 8.
43	1 39 1 1 0.41 1 1 33.90 1	0.11   0.74   0.63	15 1 0.18 1 14.56 1 1.94 1	26   0.30   25.24   5.38	0.18   14.56   5.84	3   0.04   2.91   3.95	0.00 I	0.00 ( 0.00 (	1.
44	64     0.75     0.75     1.17	0.07 T	3   0.04   3.95   0.39		0.00 I	0   0,00   0,00	0.00 0.00 0.00 0.00	0.00 0.00 0.00	• • • • • • • • • • • • • • • • • • •
45	1 75 ( 1 60.1 ( 1 05.07 ( 1 05.5 (	0.4A   16.47	34   0.40   13.65	32   0.37   12.45	9.09 F	4   0.05   1.61   5.26	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	0.00 00.0	
TUTAL	5967 63,87	1440	774 9.04	473 5.64	257 3.00			16 0,19	85

TABLE OF STORE BY POPCHDE

•			JAHL	E OF STCI	11)E BY PU	PCHOE			
STCODE	DE STATE	CIDE 10-6	O POPCI	IDE PUPU	LATION S	EHAE CIIDE	: .		. '"
PREGIENCY PERCENT ROW PCT CINL PCT								-	
46	1 92 1 1 1.07 1 1 76.03 1	14 1 1 0.16 1 11.57 1 1 0.97 1	0.07 ( 4.96 ( 0.78 (	0.05 / 3.31 / 0.83 /	3 0.04 2.48 1.17	0,01 ( 0,03 ( 0,03 (	1 1 0.01 1 0.03 1 2.13 1	0.00 0.00 0.00	121 1.41
. 47	1 70 1 1 0.82 1 1 65.42 1	1 61 1 12.0 1 14.82 1 1.25	0.07 ( 5.61 ( 0.78 (	0.07   5.61   1.24	5 0.06 4.67	: 1 ! ! 0.01 !	1 1 0.93 1 1 0.93 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0.00 0.00 0.00	107 1,25
48	1 231   1 2.70   1 52.50   1 4.23		53 ( 20.62 ( 12.05 (	22   9.26   5.00   4.55	10 10.12 2.27 3.89	0.04 ( 0.60 ( 3.95 (	1 1 1 10.0 1 10.23 1 1 2.13 1	0.01 0.23 6.25	440 5.14
49	1 18 0 1 0.21 1 1 40.00 1	16     0.19     35.56     1.11	7 ( 0.08 ( 15.56 ( 0.90 (	3   0.04   0.67   0.62	1 0.01 2.22 0.39	0.00 ( 0.00 ( 0.00 (	0.00 I	0.00 ( 0.00 (	45 0.53
50	1 0.01 1 0.50 1 0.02	0.05     0.05     10.00	15 ( 0.18 ( 37.50 ( 1.94 (	10     0.12     .5.00     2.07	7 0.08 17.50	3 ( 0.04 ( 7.50 ( 1 3.95 (	0.00   0.00   0.00	0.00 ( 0.00 (	40 0.47
5:	1 102 1 1.19 1 87.18 1 1.87	1 11 1 1 0.13 1 1 9.40 1 1 0.76 1	3 ( 0.04 ( 2.56 ( 0.39 (	1 0.01 ( 0.05 ( 0.05 (	0.00 0.00 0.00	0.00 ( 0.00 ( 2 0.00 (	0     \$.00     0.00	0.00 (	117 1.37
<b>.</b> 52	1 15 1 0.18 1 16.48 1 0.27	1 31 1 1 0.36 1 1 34.07 1 1 2.15 1	25 0.29 27,47 3,23	14     0.16     -15.36     2.90	0.02 1 2.20 1 2.78	3.30 ( 3.95 (	1 0.01 I 1.10 I 1 2.13 I	0.00 ( 0.00 (	91 1.06
53	1 262 1 3.06 1 56.35 1 4.79	93   1 1.09   1 20.71   1 6.46	50 ( 0.58 ( 11.14 ( 6.46 (	16 ( 1	18 0.21 4.61 7.00	0.05 ( 0.07 ( 0.09 ( 1 5,26 (	3 1 1 0.04 1 1 0.67 1 1 6.30 1	1 10.0 55.0 25.6	1 449 1 5,25 1
54	1 29 1 0.34 1 60.42 1 0.53		3 ( 0.04 ( 6.25 ( 0.39 (	1 10.0 1 1 0.0 1 1 0.0 1 1 1 0.0 1 1 1 1	3 0.04 1 6.25 1 1.17	1 0.01 ( 1 0.08 ( 1 2.08 ( 1 1.32 (		0.00 0.00 0.00	1 48 1 0.56 1
TUTAL	5467 63,87	1440 16,82	774 9,04	_	257	76 0.89		16	8560

TABLE OF STOUDE BY POPCODE

87CODE	NE STATE	CUDE 10-60	P(IPCI)	E PNPU	LATION SER	AED CUDE	•		
FREDHENCY PERCENT RITH PCT CIN, PCT	1	<b>2</b> I	. 31	4 1	5 1	6 1	7 1	n 1	TOTAL
55	1 194   1 2.27   1 95.10   1 3.55	4,41	î   0.01   0.49   0.13	0   0   0   0   0   0   0   0   0   0	0.00	0.00   6.00   6.00	0   0.00   0.00   0.00	0 0 0 1 0 0 0 1 0 0 0 1	2,36
56	1 21 1 0.25 1 22.03 1 0.30	0,22 l	21 1 0,25 1 20,83 1 2,71 1	14   0.16   15.22   2.90		2   0.02   2.17   2.63	0.01   1.09   2.13	0   0 0 0   0 0 0	92 1.07
57	1 45 1 0.53 1 59.21 1 0.82	0.11	0.07 1 7.09 1 0.70 1	3   0.04   3.95   0.62	10,53 1	0   0.05   5.26   5.26	1   0.01 i 1.37   2.13	0.00   0.00   0.00	76 0.09
56	0.00 0.00 0.00	•	0.65 1 16.67 1 0.52 1	12   0.14   10.00   10.01	0.05   16.67	0.01   0.01   4.17   1.32	0.00 l 0.00 l 0.00 l	0   0.00   0.00	24 1.28
5.0	1 267 1 3.12 1 82.66 1 88.6		15   0.10   4.64   1.94	7   0.0A   2.17   1.45	1.24 1	0.00 7 0.00 1 0.00 1	0.01   0.31   2.13	0   0.00   0.00	521 3,77
69	1 0.09 ( 1 34.78 ( 1 0.15 (	0,11 1	4   0.05   17.39   0.52	2   0.02   0.70   0.41	0.00 l	0   0.00   0.00   0.00	0.60   0.60   0.00   0.00	0   0.00   0.00   0.00	0,27
TOTAL	5467 63.87	1440 SA_81	774 9,04	483 5,64	257 3,00	76 0_89	47 0,55	16 0,19	8560 100,00

TABLE OF STOOP BY CYCD

STCDDE	UE STATE	CODE 10-60	CYCD	CENTRAL	CITY PLACE	DESCRIPTION	CUDE
COL PCT	     1	12 11	•	TOTAL	•	•	
10	1 10 1 0.12 1 5.49 1 2.31	6A     0.79     37.36	104     21     57,14     2,07	182 2.13		•	
11	1 0.01 ! 1.05 ! 1.05		52   0.61   96.36   1.01	54 9.63			
12	1 0.05 1 3.39 1 0.92	1 22 1 1 0.26 1 1 18.64 1	92   1.07   77.97   1.79	11A 1.3A			
. 13	1 6.07 1 14.63 1 1.39	6     0.07     14.63	29   0.34   79.73   0.56	41 0.48		•	
, 4	1 36 1 0.42 1 21.56 1 8.31	1 40 1	33   0.39   14.76   0.64	167 1.95		•	•
15	7   0.00   6.19   1.62	1 27 1 1 0.32 1 1 23.69 1	79   0.92   69.91   1.54	113			
16	1 15 1 0.18 1 7.98 1 3.46	1 102   1 1.17   1 54.26   1 3.42	71   0.83   37.77   1.38	2.20 1AA		,	
17	1 0.02 1 7.41 1 0.46	0.0R     25.93     0.23	10     0.21     60.67     0.35	•.32			
	1 0.01 1 100.00 1 0.23	1 0.00 l	0.00 l	0.01			
TOTAL	433 5.06		5145	8560		•	



## TABLE OF STOODE BY CYCD

910008	3141E 30	CODE 13-0	en cach	
PREQUENCY PERCENT RUN PCT CIL PCT	! ! !1 !		•	I TOTAL
1*	23     0.27     16.08     5.31	82 97.34	.0.44     26.57     0.74	1 145 1 1.67 1
	7   0.08   14.00   1.62	7 0.08 14.00	1 0.42 1 1 72,00 .	90 0.58
	9.81 1 100.00 1 0.23	7.00 0.01 0.01	0.30 l 0.30 l 0.10 l	0.01
\$2	1 0.01 1 1 0.91 1 1 0.23 1	0.05 3.64	105     1,23     95.45	110
	12 1 0.14 1 2.09 1 2.77	3.36 50.35 9.69	273   5,19     47.56     5.31	974   5.71 
24	1 14 1 1 0.16 1 1 5.86 1 1 3.23 1	87 1.07 36.40	1 138 1 1 1.61 1 1 57,74 1	239 1 2.79 1 .
25		0.51 0.71	1 452 1 1 5.28 1 89.50 1	1 505 5.90 1
59	2     0.02     0.64     0.46	0.46 12.54 1.31	70 3 3.15 i	3.63
27	9 0.0n 1 1 0.0n 1 1 4.19 1	12 0.14 10.53	1 97 ! 1 1.13 ! 1 85.09 !	! 114 ! 1.33 !
THTAL	413 5.06	2982 34.84	5145 60,11	RSAD

# TABLE OF STOODE BY CYCD

		שונושב ח					
STCODE	DE STATE	CUDE 10-6	n CYCD	CENTRAL	CITY PL	ice neachiff	TON CUDE
PREQUENCY PERCENT RITH PCT CIAL PCT	    1	2 I	3 !	TUTAL			
58	7     0.00     10.94     1.62	9   0.11   14.06	48   0.56   75.00   0.93	64 ••75			
29	4     0.05     1.79	25     0.29     11.21     0.64	194   2.27   87.00   3.77	223 2.61	•		
-30	1 3 1 1 6.04 1 1 12.50 1	0.11   37.50	12 1	. PS PS.0			
31	1 14 1 0.16 1 3.67 1 3.23	2.35   52.76   6.74	3.23 1	3A1 4,45			
35	1 15 1 1 0.18 1 1 4.11 1 1 3.46	178   2.08   48.77   5.97	2.01   47.12   3.34	365 4.26			
. 33	6     0.07     4.62     1.39	3A     0.44     29.27     1.27	86   1.00   60.15   1.67	130 1,52			
34	1 0.64 1 6.62 1 6.69	3   9.04   6.82   0.10	38   0.44   86.36   0.74	44 0,51			
35	1 7 1 0.00 1 5.43 1 1.62	0.32     20.93     0.~.	95   1.11   73.64   1.85	12 <b>9</b> 1.51			
36	1	3 (   0.04 (   3.70 (   0.10 (	76   1	A1 0.45		•	
TOTAL	433	2982	5145	856 <b>0</b> 100-00			

TABLE OF STOODE BY CYC

STORME	DE STATE	CUDE 18-6	פ רייכה	CFNTRAL	CITY PLACE	DESCRIPTION C	300
PREQUENCY PERCENT ROW PCT CIPL PCT	 	ız !	~	TOTAL		. 4	
37	2     0,02     0,01     0,46	12     0.14     4.84     0.46	234   2.73   94.35   H.55	24A 2.90	,	,	
39	0.02 1.11.76 1.0.46	4   0.05   23.53	11 1 0.13 1 64.71 1 0.21 1	17			
39	1 7 ( 1 0.00 ( 1 3.03 ( 1 1.62 (	0.41     15.15     1.17	189 2.21 81.82 . 3.67 !	231 2.70			
40	1 15 1 1 0.18 1 1 4.79 1 1 3.46 1	3.1A I 1 A6.90 I	26   P.30   P.31   P.51	313 3.66			
41	1 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0.64   6.98	86.05 I	43 0.50			•
42	1 19 1 0.22 1 2.71 1 4.39	1 4,61   1 56,35   1 13,25	3.35	701 8.19			
43	1 14 1 8.16 1 13.59 1 3.23	71.0   12.62   80.0	0.89 I 73.79 I	1 <b>n3</b> 1.70			
44	1 0,69	0.12    - 13.16	0.74 1 82.89 1 1.72 1	76 0.nq		,	•
45	1 19 1 0.22 1 7.63 1 4.39	1 1.60 I 1 55.02 I	1,09   37,35   1,81	2,91			•
TOTAL	433 5.06	7987 34.84	5145 60,11	8568 180.80			



# TABLE OF STOUDE BY CYCD

STOODE	UE STATE	CORE 10-60	D CYCD	CENTRA	L CITY PLACE	neschiptium	cnbé
PREDUENCY PERCENT RUM PCT CUL PCT	! ! !	Z	<b>3</b> I			:	
46	1 0.05 ( 1 3.31 ( 1 0.92 (	24     0.28     19.83	93   1.09   76.86   1.81	121 1.41	•		
47	7   1 0.08   1 6.54   1.62	33     0.39     30.84     1.11	67 1 0.78 1 62.02 1 1.30 1	107 1.25			
46	1 18 ( 1 0.21 ( 1 4.09 (	3.24     62.95     9.29	145   1.69   32.95   2.82	44 <b>0</b> 5.14			
49	2   1 0.02   1 4.44   1 0.46	0.36 68.89 1.04	12 1 1 14 1 26 67 1 1 25 0	45 0.53			
50	0.07 1 15.00 1 1.39	0.08 17.50 0.23	27   6,32   67,50   0,52	40 0,47	٠		
51	1 1 1 0.01 1 0.05 1 0.23	1 0.02 1 1.71 1 0.07 i	1 41 1 1 .33 1 97 .44 1 2 . 22 1	117			
52 ,	1 5 1 0.06 1 5.49 1 1.15	1 0.22 ; 1 80.05 ; 1 40.0	67   0.78   73.63   1.30	1.06			
53	1 36 1 0.42 1 8.02 1 8.31	1.75     33.41     5.03	263   3.07   50.57   5.11	4 <b>49</b> 5,25			
54	1 0.05 1 0.33 1 0.92	0.13 1 22.92 1 0.37 1	0.39   68.75   0.64	4A 9.56			
TOTAL	433 5.06	\$982 34.84	5145 60.11	656 <b>0</b> 100 <b>.0</b> 0			

	TARLE IT	attune a	· Cu			
STCTIDE	HE STATE	CODE 10-6	H CYCD	CENTRAL	CITY PLACE	DESCRIPTION CODE
FREQUENCY PERCENT ROW PCT CIRL PCT	1	2   	3	TOTAL		
55	1 0.61 1 0.69 1 0.23	19     0.18     7.35     0.50	1 05.5 1 01.59 1 65.6	2 <b>.3</b> A		
56	1 16 1 0.19 1 17.39 1 3.70	23 0.27 25.00 0.77	0.62 I 57.61 I	42 1.07		
37	1 11 1 0.13 1 14.47 1 2.54	1 0.14	53   0.62   69.74   1.03	76 0.89		
51	0.07 25.00	1 16.67	5A.33 1	P5 P5.0	•	
59	1 14 1 0.16 1 4.33 1 3.23	1 32,51	1 63,16 1	323 3.77		
<b>60</b>	1 0.01 1 0.35 1 0.23	0.00	1 22 1 1 0.26 1 95.65 1 0.43 1			
TOTAL	433 433		5145 60.11	854 <b>6</b> 100.00		